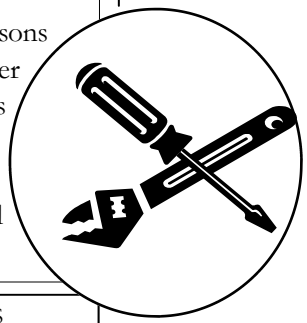
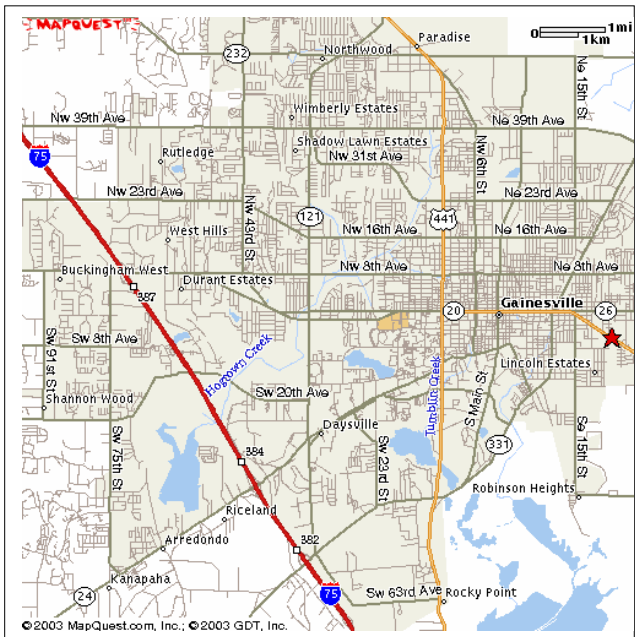
About Our Presenters

Mr. Steve Allbee - USEPA Project Director, Gap Analysis; primary author, US EPA's *The Clean Water and Drinking Water Infrastructure Gap Analysis;* 25 years EPA - development of financing programs; BA, MA, MPA.

Mr. Duncan Rose - Technical Director, Parsons Asset Management Center (PAMC); Former city/county manager; co-author of WEF's Managing the Water/Wastewater Utility; 30 years state & local management; Adjunct Faculty, Florida State University, Askew School of Public Policy; BA, MSP, MAPA.



This workshop is made possible in part by the US Environmental Protection Agency Office of Water Community Capacity Development. A Safe Drinking Water grant for 2003-2004.



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Advancing Asset Management In Your Utility:

A "Hands-on" Workshop For the Small Utility

February 9, 2004
8:00 am - 4:15 pm

Gainesville Technology Enterprise Center

Gainesville, Florida

Advancing Asset Management In Your Utility: A "Hands-on" Workshop For the Small Utility

- **Please register as early as possible, but no later than 20 January 2004**
- **The workshop will begin promptly at 8:00 am and end at 4:15 pm.**

To register for the workshop, please contact:
Rachel Silver
Southeast Rural Community Assistance Project
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Gainesville, FL 32605
Tel. 352.379.9802
Fax. 352.379.8874
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USEPA Office of Water

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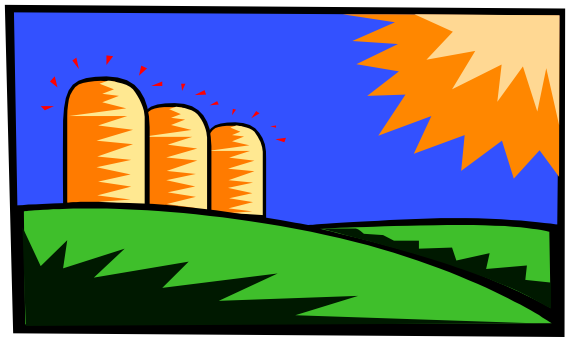

The Challenge:

Over the past half century, America has spent trillions of dollars building some of the finest infrastructure that history has ever seen. Indeed, this infrastructural investment has played a substantial role in the sustained wealth, prosperity, and quality of life of our country. But in many communities, this infrastructure is severely stressed from over-use, under-funding of maintenance and renewal, and aging.

A comprehensive approach to managing our capital assets is overdue - one that brings "state of the practice" advanced asset management (AM) concepts, tools, techniques, and technologies to bear on managing for cost-effective performance. This workshop focuses on applying these concepts and tools to the small rural utility.

The Focus:

The great French author, Victor Hugo, once observed, **"An invasion of armies can be resisted, but not an idea whose time has come."** Public sector managers have been managing assets for decades. However, it is clear that what we have been doing in the past will not be sufficient to address the growing and increasingly complex challenges that lie ahead.

Practical advanced-techniques for better managing assets have been developed and refined in both the private sector in the US and in water and wastewater agencies around the world. Management thinking is centered on long-term effectiveness, service sustainability, and effective environmental management. How can these asset management (AM) concepts, tools and techniques be most effectively transferred into the small water and wastewater utility? Where to start? How to proceed? How to select appropriate tools?

The Workshop:

The AM challenge for US utility officials is one of "knowledge transfer". **For this reason, this workshop has been designed as an extensive "hands-on" experience.** The workshop:

- Is built around case-studies and **participant exercises** that demonstrate the concepts, techniques and tools of advanced asset management.
- Is centered on **"case-based" mentoring** by expert asset management practitioners.
- **Incorporates a real-world "storyline"** to realistically demonstrate an advanced asset management way of approaching difficult asset-driven problems.

The agenda is built around five core questions (see agenda, right panel). The workshop focuses on demonstrating, *step-by-step,* how a small utility can select and deploy "Best Appropriate AM Practices" that are best suited to that agency.

Agenda Highlights

8:00 AM- 4:15 PM

Introductions

Background and Context

- Why the focus on AM?
- The changing utility industry
- The emerging utility of tomorrow

Overview of Fundamental Concepts and Core Practices

- Sustainable performance at minimum "Total Cost of Ownership"
- How assets fail
- Managing risk
- Payoffs and benefits/downsides

Question 1: What is the current state of my system?

- Creating an "asset hierarchy"
- Defining the "data standard"
- Cost effective condition analysis

Question 2: What Is My Required "Sustainable" Level Of Service?

- What is "LOS"? What drives it?
- A "Balanced Scorecard" approach

Question 3: Which Assets Are Critical To Sustained Performance?

- Understanding how my assets can fail
- What the likelihood of failure is
- What the consequences are

Question 4: What Are My "Minimum Life-Cycle-Cost Strategies?"

- Capital Improvement Program
- Operations & Maintenance

Question 5: What funding level is necessary to sustain long-term performance?

- How to build a funding strategy